

AMENDMENTS TO THE CLAIMS:

The following listing of claims replaces all prior listings, and all prior versions, of claims in the application.

LISTING OF CLAIMS:

1. (Currently amended) A friction stir welding method, comprising the steps of:

abutting a first panel and a second panel,

each of said first and second panels comprising a first plate, a second plate which is substantially in parallel to said first plate, and a third plate connecting a midway of one end side of said first plate and said second plate, ~~and being substantially orthogonal to said first plate;~~

positioning outer faces of said first plates of the first and second panels at substantially a same plane;

~~abutting said third first plates of the first and second panels together to provide an abutted portion of said first and second panels, the third plates of the first and second panels being spaced from each other when the first plates are abutted;~~

~~providing an additional plate member extending between the third plates of the first and second panels, such that an abutted portion is formed between said additional plate member and said second plates of the first and second panels, overlying said third plates; and~~

under a condition where said first plates are mounted on a bed and under a condition where a rotary tool is inserted to said abutted portion from an upper location, carrying out a friction stir welding of said abutted portion.

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2. (Original) A friction stir welding method according to claim 1, wherein a welding depth of the friction stir welding is larger than a plate thickness of said second plate.

3. (Currently amended) A friction stir welding method, comprising the steps of:

abutting a first panel and a second panel,
each of said first and second panels comprising a first plate, a second plate which is substantially in parallel to said first plate, a core member provided between said first plate and said second plate, and an edge member arranged between said first plate and said second plate ~~and formed substantially orthogonal to said first plate;~~

locating faces of outer portions of said first plates of said first and second panels at substantially a same plane;

abutting said third-first plates together, the edge members of the first and second panels being spaced from each other when the first plates are abutted together to provide an abutted portion of said first and second panels;

providing an additional plate member extending between the edge members of the first and second panels, such that an abutted portion is formed between said additional plate member and said second plates of the first and second panels, overlying said edge members; and

under a condition where said first plates are mounted on a bed and under a condition where a rotary tool is inserted to said abutted portion from an upper location, carrying out a friction stir welding of said abutted portion.

4. (Currently amended) A friction stir welding method for forming a structure body, comprising the steps of:

abutting a first panel and a second panel, ~~providing an abutted portion therebetween,~~

each of said first and second panels comprising a first plate, a second plate which is substantially parallel to said first plate, and a third plate connecting a midway of one end side of said first plate and said second plate ~~and being substantially orthogonal to said first plate,~~

said first and second panels being abutted such that outer faces of said first plates of said first and second panels are at substantially a same plane,

the third plates of the first and second panels being spaced from each other when the first and second panels are abutted;

providing an additional plate member extending between the third plates of the first and second panels, such that an abutted portion is formed between said additional plate member and said second plates of the first and second panels, overlying said third plates; and

~~said first plates, said second plates and said third plates being abutted at said abutted portion; and~~

carrying out friction stir welding at said abutted portion.

5. (Currently amended) A friction stir welding method according to claim 4, wherein:

the first plates of the first and second panels are welded by the friction stir welding, and the second plates of the first and second panels are welded by the friction stir welding;

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a welding depth of a side of said first plates, made by the friction stir welding,
is larger smaller than a plate thickness of said first plateplates; and

a welding depth of a side of said second plates, made by the friction stir
welding, is larger than a plate thickness of said second plateplates.

6. (Currently amended) A structure body, comprising:

first and second panels abutted to each other, ~~forming an abutted portion~~
~~therebetween,~~

~~the abutted portion of said first panel and said second panel having a friction~~
~~stir welding,~~

each of said first and second panels comprising a first plate, a second plate
which is substantially parallel to said first plate, a core member provided between
said first plate and said second plate, and an edge member arranged between said
first plate and said second plate ~~and formed substantially orthogonal to said first~~
~~plate, edge members of the first and second panels being spaced from each other,~~

outer faces of said first plates of the first and second panels are formed at
substantially a same plane, and

an additional plate member extending between the edge members of the first
and second panels and forming an abutted portion with the second plates of the first
and second panels, overlying the edge members of the first and second panels, and
said abutted portion has a friction stir welding.

~~said first plates, said second plates and said third plates are abutted.~~

7. (New) A structure body according to claim 6, wherein said edge
member connects a midway of one end side of said first plate to said second plate.

8. (New) A structure body according to claim 7, wherein said edge member connects said midway of the one end side of said first plate to an end side of said second plate.